ATV340D45N4E

Schneider Electric ATV340D45N4E - Altivar Machine ATV340 Variable Speed Drive - 45kW- 400V - 3 phases - Ethernet

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Machine ATV340

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV340D45N4E

CATEGORY
VFD

RECORD IDENTITY
Catalog identity matched

PRODUCT DESCRIPTION

This Altivar 340 variable speed drive can feed 3-phase synchronous and asynchronous motors in open and closed loop control. Altivar Machine ATV340 drives are sized heavy duty as standard. It works at a rated power up to 45kW / 60hp and a rated voltage from 380V to 480V AC. ATV340 has been designed to meet the needs of applications for harsh environments, such as vibration, shock and non-conductive dust and where high temperature resistance up to 60 °C is needed. This product integrates Modbus serial line communication protocols as standard. This drive features multi-protocol Ethernet embedded, it consists of Ethernet IP and Modbus TCP communication interfaces. it weighs 56.4kg and its dimensions are, 271mm wide, 908mm high, 309mm deep. ATV340 incorporates functions and features suitable for the most common applications, including packaging, material handling, material working, hoisting. It conforms to international standards IEC/EN 61800-5-1 and IEC/EN 61800-3 (immunity and conducted and radiated EMC emissions), IEC 60721-3, IEC 61508, IEC 13849-1. It is also CE, UL, CSA, and TÜV certified. Accessories and options (encoder interface modules, I/O expansion modules, communication modules, braking resistors, line chokes, additional EMC filters) are available with Altivar Machine ATV340 drives, depending on the drive rating. It is designed to be mounted in vertical position (+/- 10 °) on a panel, thanks to 4 fixing holes. It is fully integrated inside Schneider Electric?s EcoStru

RECORDED SPECIFICATIONS

Phases	3
EMC filter	Integrated
Cooling type	Forced convection
Supply voltage	380...480 V
Safety function	STO (Safe Torque Off) SIL 3
Output frequency	0.1...500 Hz
Communication protocols	Ethernet/IP, Modbus serial, Modbus TCP
IP degree of protection	IP20
Manufacturer part number	ATV340D45N4E
Motor power (heavy duty)	45 kW

ADDITIONAL SPECIFICATIONS

Motor power (normal duty)	55 kW
Nominal switching frequency	2.5 kHz
Continuous output current (heavy duty)	88 A
Continuous output current (normal duty)	106 A

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.